Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124789.D
Acq On : 27 Jul 2021 11:52
Operator : JU/CG
Sample : PB137931BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137931BS

Manual Integrations APPROVED
mohammad
7/28/2021 11:32:23 AM

Quant Time: Jul 27 14:43:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	7702	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	30818	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	17853	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	31813	20.000	ng	0.00
76) Chrysene-d12	14.045	240	21589	20.000	ng	0.00
86) Perylene-d12	15.515	264	16104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	57463	126.323	ng	0.03
7) Phenol-d6	6.510	99	70580	123.765	ng	0.01
23) Nitrobenzene-d5	7.439	82	39790	76.845	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	18543	120.970	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	83859	68.990	ng	0.00
79) Terphenyl-d14	12.986	244	85706	68.050	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	7507	47.212	ng	# 100
3) Pyridine	3.534	79	16951	45.033	ng	98
4) n-Nitrosodimethylamine	3.498	42	14264	47.918	ng	# 92
6) Aniline	6.539	93	23429	39.976	ng	96
8) 2-Chlorophenol	6.663	128	24332	47.425	ng	95
9) Benzaldehyde	6.428	77	11588	37.742	ng	92
10) Phenol	6.522	94	27727	50.772	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	22446	51.838	ng	96
12) 1,3-Dichlorobenzene	6.816	146	26180	46.948	ng	95
13) 1,4-Dichlorobenzene	6.892	146	26207	46.977	ng	99
14) 1,2-Dichlorobenzene	7.045	146	25209	46.769	ng	97
15) Benzyl Alcohol	7.016	79	19430	51.812	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	36131	49.577	ng	93
17) 2-Methylphenol	7.128	107	18415	49.268	ng	97
18) Hexachloroethane	7.386	117	11013	52.084	ng	89
19) n-Nitroso-di-n-propyla...	7.292	70	16322	53.600	ng	# 87
20) 3+4-Methylphenols	7.281	107	24315	49.237	ng	# 82
22) Acetophenone	7.286	105	34067	47.702	ng	94
24) Nitrobenzene	7.457	77	24304	47.876	ng	95
25) Isophorone	7.698	82	42827	46.776	ng	95
26) 2-Nitrophenol	7.775	139	13755	48.921	ng	# 89
27) 2,4-Dimethylphenol	7.810	122	21966	50.771	ng	88
28) bis(2-Chloroethoxy)met...	7.904	93	28269	53.131	ng	97
29) 2,4-Dichlorophenol	8.016	162	20533	44.812	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	23236	46.268	ng	97
31) Naphthalene	8.181	128	71090	44.202	ng	99
32) Benzoic acid	7.945	122	14671	43.810	ng	87
33) 4-Chloroaniline	8.222	127	13054	21.585	ng	96
34) Hexachlorobutadiene	8.292	225	14278	47.562	ng	97
35) Caprolactam	8.610	113	6339m	53.228	ng	
36) 4-Chloro-3-methylphenol	8.710	107	21702	49.656	ng	90
37) 2-Methylnaphthalene	8.875	142	49527	46.089	ng	98
38) 1-Methylnaphthalene	8.975	142	45357	44.554	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	22069	44.304	ng	97
41) Hexachlorocyclopentadiene	9.022	237	32405	109.956	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	15593	44.096	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	16010	44.094	ng		89
46) 1,1'-Biphenyl	9.339	154	57375	43.054	ng		99
47) 2-Chloronaphthalene	9.363	162	45203	42.848	ng		96
48) 2-Nitroaniline	9.457	65	13823	50.041	ng		92
49) Acenaphthylene	9.780	152	72021	44.269	ng		98
50) Dimethylphthalate	9.639	163	56557	46.008	ng		98
51) 2,6-Dinitrotoluene	9.704	165	11995	44.167	ng	#	85
52) Acenaphthene	9.951	154	43530	40.362	ng		98
53) 3-Nitroaniline	9.869	138	7795	27.282	ng	#	82
54) 2,4-Dinitrophenol	9.980	184	13254	84.398	ng		93
55) Dibenzofuran	10.122	168	65720	42.645	ng		98
56) 4-Nitrophenol	10.039	139	19229	85.225	ng		95
57) 2,4-Dinitrotoluene	10.110	165	16623	45.104	ng	#	96
58) Fluorene	10.469	166	51402	43.479	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	12540	43.732	ng	#	94
60) Diethylphthalate	10.339	149	57607	45.065	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	25572	44.745	ng		96
62) 4-Nitroaniline	10.492	138	11801	41.742	ng		95
63) Azobenzene	10.616	77	53237	47.074	ng		93
65) 4,6-Dinitro-2-methylph...	10.516	198	8228	39.937	ng		95
66) n-Nitrosodiphenylamine	10.580	169	45326	43.966	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	15423	45.712	ng	#	91
68) Hexachlorobenzene	11.016	284	16284	46.472	ng	#	89
69) Atrazine	11.104	200	15234	48.602	ng		97
70) Pentachlorophenol	11.210	266	18548	85.125	ng		96
71) Phenanthrene	11.433	178	75164	43.929	ng		99
72) Anthracene	11.480	178	77376	45.234	ng		100
73) Carbazole	11.633	167	66254	41.321	ng		99
74) Di-n-butylphthalate	11.963	149	97957	45.867	ng		99
75) Fluoranthene	12.616	202	76593	43.866	ng		99
77) Benzidine	12.739	184	34539	56.734	ng		99
78) Pyrene	12.845	202	75499	44.174	ng		99
80) Butylbenzylphthalate	13.463	149	38640	47.202	ng		99
81) Benzo(a)anthracene	14.033	228	60787	43.075	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	13753	35.116	ng		93
83) Chrysene	14.074	228	60027	44.151	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	59146	49.052	ng		98
85) Di-n-octyl phthalate	14.627	149	93043	47.552	ng		98
87) Indeno(1,2,3-cd)pyrene	17.003	276	39612	42.606	ng		94
88) Benzo(b)fluoranthene	15.086	252	53004	46.747	ng		98
89) Benzo(k)fluoranthene	15.121	252	44930	43.368	ng		96
90) Benzo(a)pyrene	15.457	252	43788	46.231	ng		96
91) Dibenzo(a,h)anthracene	17.021	278	34411	42.279	ng		93
92) Benzo(g,h,i)perylene	17.456	276	32511	42.123	ng	#	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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